

20031222.qrp v03\_n142.qrl.20031222

Date: Mon, 22 Dec 2003 19:03:09 EST  
From: qrp-l@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: QRP-L digest 3142

QRP-L Digest 3142

Topics covered in this issue include:

- 1) [163519] 80m tonite?  
by "sslyon" <sslyon@megalink.net>
- 2) [163520] How much water in SLA Batteries?  
by <mpupeza@sympatico.ca>
- 3) [163521] Homebrewer #2  
by "Brian Murrey" <brian@iquest.net>
- 4) [163522] Re: Long doublet question  
by "John" <digi2@earthlink.net>
- 5) [163523] Introductory/Step by Step Circuit Design Tutorial  
by Noah Lorang <NoahLorang@nc.rr.com>
- 6) [163524] Re: Foor sale to good home -update  
by Gsdavis7070@cs.com
- 7) [163525] Holiday Greetings and Goings-On at N1KSN  
by "Andy Palm" <acpalm@concentric.net>
- 8) [163526] Re: Homebrewer #2  
by "DTX" <dtx@wood.tzo.com>
- 9) [163527] Off Topic help needed.  
by "Ron KU7Y" <ku7y@tds.net>
- 10) [163528] Re: Off Topic help needed.  
by Chris Cartwright <ccart@phideaux.com>
- 11) [163529] Parts Needed  
by "Brad Hernlem" <alihernlem@hotmail.com>
- 12) [163530] Maine on 3560  
by =?ISO-8859-1?Q?John\_Zaruba=A0Jr?= <aa2bn@comcast.net>
- 13) [163531] Re: Off Topic help needed.  
by "Ron KU7Y" <ku7y@tds.net>
- 14) [163532] QRP HAPPENING  
by Joel M Denison <hamjoel@juno.com>
- 15) [163533] wrked aa1my  
by Joel M Denison <hamjoel@juno.com>
- 16) [163534] Re: Homebrewer #2  
by "Brian Murrey" <brian@iquest.net>
- 17) [163535] Re: Off Topic help needed.  
by "W. Keith Hibbert" <wkhibbert@frontiernet.net>
- 18) [163536] Re: Maine on 3560  
by "sslyon" <sslyon@megalink.net>
- 19) [163537] Re: wrked aa1my

by "M.M." <markem@cox.net>  
20) [163538] PAC-12 Experiment Questions  
by "William Phinizy" <k6whp@verizon.net>  
21) [163539] Re: QRP HAPPENING  
by "Trevor Jacobs" <kg6cyn@softhome.net>  
22) [163540] Re: Off Topic help needed.  
by Peter Burbank <peterlee@qx.net>  
23) [163541] Re: Long doublet question  
by w9ya <w9ya@arrl.net>  
24) [163542] Re: PAC-12 Experiment Questions  
by "Michael Melland, W9WIS" <w9wis@charter.net>  
25) [163543] Re: 80m tonite?  
by "Mike WA8BXN" <hubby2k@hotmail.com>  
26) [163544] Re: Introductory/Step by Step Circuit Design Tutorial  
by M Taylor <mctylr@privacy.nb.ca>  
27) [163545] ARRL 10 meter Contest  
by "Francis Callahan" <colcal@srv.net>  
28) [163546] Monday Stream - 7.040  
by "Paul Valko - W8KC" <w8kc@comcast.net>  
29) [163547] Re: FS: Kits, parts, and projects of all sorts (RockMite, Rainbow  
Tuner, etc)  
by Patrick Gardella <pgardella@yahoo.com>  
30) [163548] Elmer 160: Lesson 5  
by "John J. McDonough" <wb8rcr@arrl.net>  
31) [163549] Looking for LCD part source...  
by "Meier, Peter H." <peter.meier@unisys.com>  
32) [163550] Pixie info  
by "kennymac" <killmodell@earthlink.net>  
33) [163551] Re: Looking for LCD part source...  
by "John J. McDonough" <wb8rcr@arrl.net>  
34) [163552] CircuitMaker and TraxMaker  
by "Bill Jones" <kd7s@psnw.com>  
35) [163553] RE: [OT] Off Topic help needed.  
by "Nick Kennedy" <wa5bdu@tcainternet.com>  
36) [163554] what part to use?  
by Lloyd Lachow <llachow@yahoo.com>  
37) [163555] RE: Monday Stream - 7.040  
by "J. Michael Thurman" <jmthurman@centurytel.net>  
38) [163556] RE: [fpqrp] what part to use?  
by "Dennis Ponsness" <wb0wao@hotmail.com>  
39) [163557] Re: what part to use?  
by Peter Burbank <peterlee@qx.net>  
40) [163558] RE: [fpqrp] what part to use?  
by "AI2Q" <ai2q@adelphia.net>  
41) [163559] The "QRP-Canada RUN WITH RAC" announcement.  
by "rattray" <rattray@accesscomm.ca>  
42) [163560] Re: what part to use?  
by w9ya <w9ya@arrl.net>

- 43) [163561] Good coax source?  
by Ken <kloc@commspeed.net>
- 44) [163562] Re: Pixie info  
by Chuck Carpenter <w5usj@9plus.net>
- 45) [163563] RE: Looking for LCD part source...  
by "Andreas Junge - ARRL.NET" <n6nu@arrl.net>
- 46) [163564] Re: Good coax source?  
by John Oppenheimer <kn5l@gte.net>
- 47) [163565] The Truffle with Tribbles, revisited...  
by Lloyd Lachow <llachow@yahoo.com>
- 48) [163566] Re: Looking for LCD part source...  
by "w8diz" <w8diz\_qrpl@partsandkits.com>
- 49) [163567] Re: Good coax source?  
by "Michael Melland, W9WIS" <w9wis@charter.net>
- 50) [163568] newer simpler rig for me, but which one?  
by "Rod N0RC" <rc7039-hr@yahoo.com>
- 51) [163569] Re: 80m tonite?  
by Garie Halstead K8KFJ <khyberpass65@yahoo.com>
- 52) [163570] Re: what part to use?  
by "George, W5YR" <w5yr@att.net>
- 53) [163571] Re: newer simpler rig for me, but which one?  
by "Mike WA8BXN" <hubby2k@hotmail.com>
- 54) [163572] Re: newer simpler rig for me, but which one?  
by "SGC Tech" <sgctech@sgcworld.com>
- 55) [163573] FOX: K2QO Tuesday Evening  
by "Mark S. Adams" <msadams@buffalo.edu>
- 56) [163574] Re: newer simpler rig for me, but which one?  
by John Sielke <jsielke@pobox.com>
- 57) [163575] qrp & sstv on 40 meters  
by Joel M Denison <hamjoel@juno.com>
- 58) [163576] Re: newer simpler rig for me, but which one?  
by John Oppenheimer <kn5l@gte.net>
- 59) [163577] Re: newer simpler rig for me, but which one?  
by Karl Larsen <k5di@zianet.com>
- 60) [163578] Re: newer simpler rig for me, but which one?  
by "Rod N0RC" <rc7039-hr@yahoo.com>
- 61) [163579] Re: newer simpler rig for me, but which one?  
by "Walt Amos" <walatk8cvamos@aaaahawk.com>
- 62) [163580] Re: newer simpler rig for me, but which one?  
by Hank Kohl K8DD <k8dd@arrl.net>
- 63) [163581] Icom M710?  
by <n2go@arrl.net>
- 64) [163582] Re: newer simpler rig for me, but which one?  
by Ed Lawson <k1vp@grizzly.com>
- 65) [163583] PART II Re: newer simpler rig for me, but which one?  
by "Rod N0RC" <rc7039-hr@yahoo.com>
- 66) [163584] Re: newer simpler rig for me, but which one?  
by <bill@n4qa.com>

- 67) [163585] Re: newer simpler rig for me, but which one?  
by David Toepfer <davetoepfer@yahoo.com>  
68) [163586] Re: newer simpler rig for me, but which one?  
by "n3drk" <n3drk@triad.rr.com>

-----  
Date: Sun, 21 Dec 2003 19:18:27 -0500  
From: "sslyon" <sslyon@megalink.net>  
To: "qrp list" <qrp-l@lehigh.edu>  
Subject: [163519] 80m tonite?  
Message-ID: <001901c3c821\$1f4b2440\$13c8e742@megalink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Got the antenna fixed this PM; the down lead broke off at the  
insulator to the #14 HB ladderline back to the house, 270' down  
the hill. I'll be on 3.56 +/- tonite after supper if anyone  
cares to take a peek

73  
seab  
aa1my

Seabury & Sharon Lyon  
99 Sparrowhawk Mtn Rd  
Bethel ME, 04217 U.S.A.  
207-836-2576

Virus Protection by Norton and ZoneAlarm

-----  
Date: Sun, 21 Dec 2003 19:26:19 -0500  
From: <mpupeza@sympatico.ca>  
To: <qrp-l@lehigh.edu>  
Subject: [163520] How much water in SLA Batteries?  
Message-ID: <20031222002619.CZVD11001.tomts28-  
srv.bellnexxia.net@smtp.bellnexxia.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: 7bit

Hi:

I have a few 7AH and 17AH SLA Batteries that are not holding much charge. I  
thought that I'd take a look at the fluid levels. I popped off the plastic cover,

then removed the 6 rubber plugs. All the batteries appeared 'dry'. Even when I tilted them, I couldn't see any fluid. I then added distilled water to just over the plates. There didn't seem to be much space above the plates, and, sure enough, when they were charging for a while, they leaked out. Fortunately, I had them sitting on a plastic shoe tray. Also, I found that you have to secure the plugs with the plastic cover plate, taped down. Those little plugs do pop quite far! Apparently, these batteries do NOT contain much water.

SO, my question is "Is it worthwhile to 'top up' these batteries, and 'How Much' distilled water should I use?"

If I weigh the battery at the start, can I use the Printed Spec's and then add water to bring the total weight up to the Spec's?

Or is there another way? Or should I quit before I splash acid all over things <g>?

72

Mike VE3EQP.....>

-----  
Date: Sun, 21 Dec 2003 19:36:42 -0500  
From: "Brian Murrey" <brian@iquest.net>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [163521] Homebrewer #2  
Message-ID: <004f01c3c823\$ac507370\$02fea8c0@bjmw2k>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Anyone know if Homebrewer #2 has shipped yet?

Thanks

=====  
KB9BVN/QRP QRP-L 1540 QRP-ARCI 10223  
39.558 N 86.095 W Johnson Co., Indiana  
GRID: EM69WN - Elecraft K1 - Attic Dipole - 5w  
Member of the ARRL - SOC #400  
FISTS 5695 CC 764 FPQRP #-57  
=====

Date: Sun, 21 Dec 2003 17:46:22 -0700  
From: "John" <digi2@earthlink.net>  
To: <k5di@zianet.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [163522] Re: Long doublet question  
Message-ID: <001001c3c825\$05c38270\$6401a8c0@HP5400>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Karl,

If I were to install your switched 88' dipoles about 100' from the shack, how much 450 ohm feedline would I have on each antenna? Would it be 100' of 450 ohm feedline ending with 1 to 1 baluns and then a short piece of coax to the switch and then another short piece to the tuner and another short piece to the rig?

John K7SVV

----- Original Message -----

From: "Karl Larsen" <k5di@zianet.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Sunday, December 21, 2003 4:37 PM  
Subject: Re: Long doublet question

> On Sun, 21 Dec 2003, Mike B wrote:

>

> > Greetings, all. It's been a long time since I posted here, with a new job,

> > move across country and kids taking up most of my time.

> >

> > I'm in a new house now, and am contemplating my initial wire antenna. I'd

> > like to get some opinions on my plan. I'm wondering if I should go for the

> > longest doublet I can fit, or cut it for 80 CW (or something else). In any

> > case, it'll be fed with ladder line (probably 450 ohm).

>

> Hi Mike this says your in line for an idea. I and many here on

> QRP/L use a dipole that is 88 feet long and fed in the center with 450

> ohm ribbon. This dipole has a nice pattern on 40 and 80 meters, almost

> round. On 20 meters it is narrow because it has gain on this band.

>

> So what you want to do is put up TWO of these antenna's that run

> at right angles to each other. This will let you choose the antenna with

> the best gain to the station your working.  
>  
> I suggest an automatic antenna tuner with both 450 ohm lines  
> going to a 1:1 balun out with coax to a coax switch to the tuner. Then  
> to switch antenna's just click!  
>  
>  
> >  
> > The antenna will start on a 20 foot pole in a corner of my backyard,  
stretch  
> > diagonally across & up to the far peak of my roof, with I'd guess the  
last 20  
> > feet (of this leg) being over the roof. My yard slopes from back down  
to the  
> > front, so the back corner is actually a little higher than the ground  
next to  
> > the house. This leg can be around 85 feet long. The approximate center  
will  
> > also probably be supported by a pole, probably 20 or 25 feet off the  
ground,  
> > but right next to the house so less than 10 feet above the roof edge.  
The  
> > 2nd leg will stretch from here down the front yard (remembering it  
slopes) to  
> > some oaks. I'm a poor estimator of height, but it will be 30 - 40 feet  
up at  
> > least. The horizontal distance of this leg is around 105 feet. The  
angle  
> > between the legs is obtuse, at around 135 degrees or so.  
> >  
> > So, while the height isn't anything great, the length available is  
fairly  
> > substantial. I'm trying to be conservative and saying 165 feet total  
length,  
> > allowing for plenty of line at each end. Would it be better to cut it  
for a  
> > specific frequency, like 3.56 (I rarely get on 80, but may once I have  
an  
> > antenna for it), or just try to get it as long as possible? I realize  
that  
> > lobes will vary quite a bit from band to band, depending also on the  
wire  
> > length.  
> >  
> > Also, with wire this long, how do those in the know support doublets?  
Springs  
> > on the ends? Weights? I want it to be relatively durable in the wind  
and

> > possible ice storms.  
> >  
> > Many thanks in advance.  
> >  
> > 73  
> > Mike Boice, KW1ND  
> > Karns, Tennessee  
> >  
> >  
>  
> --  
>  
> - Karl Larsen k5di Las Cruces, NM Az ScQRPions -  
>  
>

-----  
Date: Sun, 21 Dec 2003 19:44:52 -0500  
From: Noah Lorang <NoahLorang@nc.rr.com>  
To: qrp-1@lehigh.edu  
Subject: [163523] Introductory/Step by Step Circuit Design Tutorial  
Message-ID: <5.1.0.14.0.20031221194133.02e86990@pop-server.nc.rr.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Seems to be somewhat suited for this list, at least.

I'm looking for a guide or book covering basic circuit design, from the ground up, with practical design projects and examples. The ARRL Handbook, which I have, is a good source of information, but not as structured as I'd like, and not very much focused on basic design. Looking at the ARRL Website, I saw "The Electronics of Radio" (<http://www.arrl.org/catalog/erad/>). Can anyone recommend or disrecommmend this book, or suggest anything else, either in print or online?

I'm really looking for something that would be used in a class kind of setting, as opposed to just a reference book. Anyone have experience with this kind of thing?

Noah

-----



Date: Sun, 21 Dec 2003 20:09:09 EST  
From: Gsdavis7070@cs.com  
To: qrp-1@lehigh.edu  
Subject: [163524] Re: Foor sale to good home -update  
Message-ID: <1d5.16faa6d2.2d179e35@cs.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Ts 520 gone  
HW-8 gone  
HTX-100 gone  
Still have the uniden hr2510  
Still have theMFJ-8100 regen rec.  
Thanks for the bandwidth and the tremendous turnout. NWØY

-----  
Date: Sun, 21 Dec 2003 19:12:05 -0600  
From: "Andy Palm" <acpalm@concentric.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [163525] Holiday Greetings and Goings-On at N1KSN  
Message-ID: <000701c3c828\$9de3b9a0\$5c98ee42@andy>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I just wanted to say "Happy Holidays" to everyone on the list. I read it nearly every day in the archives and have learned a lot from it over the last year.

Over the holidays I'll be putting together a PAC-12 antenna kit, with coils for 40, 30, 20, and 15 to match my K1. (My portable antenna farm will then be fully populated, with the PAC-12 vertical, a Norcal doublet, and a modified W3EDP inverted L, plus an NØSXX Mountain Topper II as a second vertical.) I've already built two homebrew H-stands for the PAC-12, a lightweight one made out of three sections from a heavy yardstick, and a heavy one made from 1/4" x 1" aluminum bar. (The antenna is supported on a 4" stainless steel carriage bolt with both of these stands, and they break down for transport.)

I'm thinking about how to build a lightweight capacity hat for the PAC-12--any suggestions are welcome. Also, thanks to Richard Meiss for recommending the Sears underseat tool box as a carrier--it is perfect for the PAC-12 and is only \$5. (One could fit a KX-1 in there, too, but I haven't taken that plunge yet.)

Otherwise I'll be puttering around the shack and shop--installing a new chip for the Z-11, finishing up a PSKMeter for a ham buddy, reading selections from the 2004 ARRL Handbook I got as a present, etc., etc. I hope I'll catch some of you on the air while I'm off work, too.

My holiday best to you all,  
Andy Palm N1KSN  
Menasha, WI

-----  
Date: Sun, 21 Dec 2003 17:19:54 -0800  
From: "DTX" <dtx@wood.tzo.com>  
To: <qrp-l@lehigh.edu>  
Subject: [163526] Re: Homebrewer #2  
Message-ID: <025801c3c829\$b4f0cc40\$0c00a8c0@home>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Seems like I saw something in the last week or so that "It was out to the printers, demands of work and family, thanks for our patience, etc" so no, we do not all have ours while yours got lost <G>.

Gary WA6DTX  
----- Original Message -----  
From: "Brian Murrey" <brian@iquest.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Sunday, December 21, 2003 4:36 PM  
Subject: Homebrewer #2

> Anyone know if Homebrewer #2 has shipped yet?

>

> Thanks

>

>

> =====

> KB9BVN/QRP QRP-L 1540 QRP-ARCI 10223  
> 39.558 N 86.095 W Johnson Co., Indiana  
> GRID: EM69WN - Elecraft K1 - Attic Dipole - 5w  
> Member of the ARRL - SOC #400  
> FISTS 5695 CC 764 FPQRP #-57

> =====  
>  
>

-----  
Date: Sun, 21 Dec 2003 19:13:41 -0700  
From: "Ron KU7Y" <ku7y@tds.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [163527] Off Topic help needed.  
Message-ID: <004501c3c831\$76b916a0\$13910b45@ku7y>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi All,

Thanks for the BW.

Does anyone here have any experience measuring tank levels remotely? This is a corrosive fluid under about 40ish psi.

Thanks in advance and for those who don't like to see these kinds of posts please accept my apology but there is just so much knowledge here on this list and I don't know how to tap into it any other way!

OK, back in my hole.....

73,

Ron, KU7Y  
ku7y@qsl.net  
Brenda, AZ (or somewhere close!)  
<http://www.qsl.net/ku7y>  
<http://www.BrendaJamFest.com>

-----  
Date: Sun, 21 Dec 2003 21:59:21 -0500 (EST)  
From: Chris Cartwright <ccart@phideaux.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [163528] Re: Off Topic help needed.  
Message-ID: <Pine.LNX.4.21.0312212156060.26462-100000@dns.phideaux.com>  
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 21 Dec 2003, Ron KU7Y wrote:

> Does anyone here have any experience measuring tank levels

Ron,

Mail to you bounces as "disabled". Contact me directly, I know a local ham who does this for a living. 73

-- Chris Cartwright, Unix Administrator | ccart@phideaux.com --  
-- N3XRV ARRL-VE Norcal Zombie #163 | Oxford, PA 19363 FM29as --  
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

-----  
Date: Mon, 22 Dec 2003 03:16:08 +0000  
From: "Brad Hernlem" <alihernlem@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [163529] Parts Needed  
Message-ID: <Law9-F46BZLJhV18Iv70000886b@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

I am looking for a couple 74HC299 and a 74HC367 to try rolling my own Tait parallel programmer to maybe utilize those PIC16C5X chips that I have. All I could find in my parts bin was one 74LS299.  
Anyone have these and are willing to perhaps swap for some of my dual gate MOSFETs or other miscellaneous stuff?

TNX

Brad  
KG6IOE

-----  
Tired of slow downloads? Compare online deals from your local high-speed providers now. <https://broadband.msn.com>

-----  
Date: Sun, 21 Dec 2003 22:26:14 -0500

From: =?ISO-8859-1?Q?John\_Zaruba=A0Jr?= <aa2bn@comcast.net>  
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [163530] Maine on 3560  
Message-ID: <989C4A1E-342E-11D8-9AEA-003065C74F1A@comcast.net>  
Mime-Version: 1.0 (Apple Message framework v606)  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain; charset=US-ASCII; format=flowed

If anyone needs Maine for WAS, Seab AA1MY has been having a "run" on 3560.

Pop on down to 80 and say Hello...

73,

John AA2BN

-----  
Date: Sun, 21 Dec 2003 20:16:32 -0700  
From: "Ron KU7Y" <ku7y@tds.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [163531] Re: Off Topic help needed.  
Message-ID: <006601c3c83a\$06f84c60\$13910b45@ku7y>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Chris,

Something funny going on here..... look at this:

\*\*\*\*\* got this when I sent email to you using Reply To \*\*\*\*\*

The original message was received at Sun, 21 Dec 2003 21:12:21 -0600 (CST)  
from qrtzaznas01-pool10-a19.qrtzaz.tds.net [69.11.145.19]

----- The following addresses had permanent fatal errors -----  
<ccart@phideaux.com>  
          (reason: 550 5.7.1 Access denied)

----- Transcript of session follows -----  
... while talking to mail.phideaux.com.:  
>>> MAIL From:<ku7y@tds.net>  
<<< 550 5.7.1 Access denied  
554 5.0.0 Service unavailable

\*\*\*\*\*

Sorry for the BW,

73,

Ron, KU7Y  
ku7y@qsl.net  
Brenda, AZ (or somewhere close!)  
<http://www.qsl.net/ku7y>  
<http://www.BrendaJamFest.com>

-----

Date: Sun, 21 Dec 2003 21:56:17 -0500  
From: Joel M Denison <hamjoel@juno.com>  
To: qrp-l@Lehigh.EDU, fpqrp-l@mpna.com, macnohere@fpqrp.com,  
wb8icn@comcast.net, 1l11142@aol.com, wd5cae@classicnet.net,  
Subject: [163532] QRP HAPPENING  
Message-ID: <20031221.224052.2784.1.hamjoel@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

High Y'all

went flying today and did some qrp work while I was at it...  
was doing some tree topping back in the mountains when I flew over this  
guys camp sight  
guess he was a ham cause his antenna was way up in the tallest trees and  
wraped itself  
around the tail end of my plane when I flew through it... :-)  
sure got the guy on the ground animated...shouting and pointing a  
straight key at the plane...  
anyhow I made an extra special slow and soft landing up at the rangely  
airport.... and would u know...  
the K1 at the other end of the feed line still worked... kinda scratched  
a bit....

so if u was camping today and had some plane take off with ur  
radio.... relax  
it was a fellow ham what was flying a bit low.... give me an email and  
I'll mail it back to u...  
heck .... I'll even pay the shipping.... merry christmas now....

KE1LA  
Joel Denison  
Strong, Maine, 04983

Freezin solid up heah

---

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Surf the web up to FIVE TIMES FASTER!  
Only \$14.95/ month - visit [www.juno.com](http://www.juno.com) to sign up today!

---

Date: Sun, 21 Dec 2003 21:23:20 -0500  
From: Joel M Denison <hamjoel@juno.com>  
To: fpqrp-1@mpna.com, qrp-1@Lehigh.EDU  
Subject: [163533] wrked aa1my  
Message-ID: <20031221.224052.2784.0.hamjoel@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Yea Martha, I worked Seab tonite...  
oh red letter contact... 20 over nine at 5 watts... on eighty...  
had a third station join in on the fun and confused me... went  
took an aspirin.....  
Lobstercon comes up again in july, u-all be thair....  
thanks aa1my.... long time overdue to work u.... my day is now  
complete... merry christmas and hppy new year.....  
KE1LA  
Joel Denison  
Strong, Maine, 04983  
Freezin solid up heah

KE1LA  
Joel Denison  
Strong, Maine, 04983

---

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---

Date: Sun, 21 Dec 2003 22:47:32 -0500  
From: "Brian Murrey" <brian@iquest.net>  
To: <dtx@wood.tzo.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [163534] Re: Homebrewer #2  
Message-ID: <00a801c3c83e\$54d50500\$02fea8c0@bjmw2k>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Thanks Gary, I can sleep better now knowing this.

The reason I asked was because the website said we'd have them in our hands in December. We're running out of December so I thought I'd just ask. No big sweaty deal really.

I learned a long time ago to not set my clock by QRP publication anticipated shipped or cover dates.

72 de KB9BVN

----- Original Message -----

From: "DTX" <dtx@wood.tzo.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Sunday, December 21, 2003 8:19 PM

Subject: Re: Homebrewer #2

> Seems like I saw something in the last week or so that "It was out to the

> printers, demands of work and family, thanks for our patience, etc" so no,

> we do not all have ours while yours got lost <G>.

>

> Gary WA6DTX

> ----- Original Message -----

> From: "Brian Murrey" <brian@iquest.net>

> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

> Sent: Sunday, December 21, 2003 4:36 PM

> Subject: Homebrewer #2

>

>

> > Anyone know if Homebrewer #2 has shipped yet?

> >

> > Thanks

> >

> >

> > =====

> > KB9BVN/QRP QRP-L 1540 QRP-ARCI 10223

> > 39.558 N 86.095 W Johnson Co., Indiana

> > GRID: EM69WN - Elecraft K1 - Attic Dipole - 5w

> > Member of the ARRL - SOC #400



> > FISTS 5695 CC 764 FPQRP #-57  
> > =====  
> >  
> >  
>  
>  
>  
>

-----  
Date: Sun, 21 Dec 2003 22:45:06 -0500  
From: "W. Keith Hibbert" <wkhibbert@frontiernet.net>  
To: qrp-1@lehigh.edu  
Subject: [163535] Re: Off Topic help needed.  
Message-ID: <5.1.0.14.0.20031221224334.009ed480@pop3.frontiernet.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

>Date: Sun, 21 Dec 2003 22:37:11 -0500  
>To: ku7y@tds.net  
>From: "W. Keith Hibbert" <wkhibbert@frontiernet.net>  
>Subject: Re: Off Topic help needed.  
>  
>Hi Ron. Keith here in the Depths of the Great Bergen Swamp  
>  
>Depending on the composition of the tank, the level can be determined  
>ultrasonically. Basically, one would send an ultrasonic signal utilizing  
>a frequency of 1.0 - 5.0 MHz through the tank in a section known to have  
>the working fluid in it. The delay on the instrument would be set to  
>allow the inspector to see a back reflection from the far side of the  
>tank. At this point, the transducer would be scanned up the side of the  
>tank until the back reflection decreased by 6 dB on the display. The  
>middle of the transducer would then be at the fluid level. If you have a  
>double-wall tank or one with insulation that can not be removed, the test  
>will not be possible.  
>  
>This method is used in the chemical and petrochemical companies, sometime  
>even with fixed transducers on the sides of the tank to remotely read the  
>level. We used this technique to verify the calibration on level  
>indicators on the subs along side our tender/ The Nukes read the  
>Pressurizer Levels remotely as the gamma and neutron flux was a bit high  
>while the reactor was operating!  
>  
>Look for either PSI, Inc or Cooper/MQS in your area if you need a

>UT-Qualified NDT Inspector for this test.  
>  
>73, Keith, WB2VU0, Trustee of the NQ2RP/B 10-Meter Beacon  
>28.2873 MHz on Your Radio Dial - 24/7  
>  
>At 19:13 12/21/2003 -0700, you wrote:  
>>Hi All,  
>>  
>>Thanks for the BW.  
>>  
>>Does anyone here have any experience measuring tank levels  
>>remotely? This is a  
>>corrosive fluid under about 40ish psi.  
>>  
>>Thanks in advance and for those who don't like to see these kinds of posts  
>>please accept my apology but there is just so much knowledge here on this  
>>list  
>>and I don't know how to tap into it any other way!  
>>  
>>OK, back in my hole.....  
>>  
>>73,  
>>  
>>Ron, KU7Y  
>>ku7y@qsl.net  
>>Brenda, AZ (or somewhere close!)  
>><http://www.qsl.net/ku7y>  
>><http://www.BrendaJamFest.com>

-----  
Date: Sun, 21 Dec 2003 22:44:49 -0500  
From: "sslyon" <sslyon@megalink.net>  
To: <aa2bn@comcast.net>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [163536] Re: Maine on 3560  
Message-ID: <000501c3c83d\$f362bb00\$13c8e742@megalink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Thanks John... yes, it's work'n just fine. Used the butane  
solder iron to hose the feeder back up to the downlead and first  
2 Q were G3 and M5, then a bunch on 9, 0, 4, etc. so I'm much  
relieved to have antlers again! I'll be tuning around

sporadically.... punctuated by hanging lights and ornaments: )  
A net moved in on 3.560 so I'll go +/- QRM.

73  
seab

>

-----  
Date: Sun, 21 Dec 2003 20:59:22 -0700  
From: "M.M." <markem@cox.net>  
To: qrp-l@Lehigh.EDU  
Subject: [163537] Re: wrked aa1my  
Message-ID: <6.0.0.22.0.20031221205709.026e0a18@pop.west.cox.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 19:23 12/21/03, Joel M Denison wrote:

> Yea Martha, I worked Seab tonite...  
> oh red letter contact... 20 over nine at 5 watts... on eighty...  
> ...

Hey Joel...Did you use your new K1??

: -)

73... Mark AA7TA

-----  
Date: Sun, 21 Dec 2003 20:02:30 -0800  
From: "William Phinizy" <k6whp@verizon.net>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [163538] PAC-12 Experiment Questions  
Message-ID: <000501c3c840\$6dfc2890\$f762e043@sydelpgnr79gmd>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Just polling the group to see if I am on the right track:

I put together the 40-meter version of this fine antenna and  
built a 10-meter "loading coil" (e.g., no coil at all). Both

used six 8' radials (made from ribbon cable) that came with the kit and the results were good (using my MFJ-259). I turned out the 20-meter coil, but the best VSWR I could get was about 2.2:1 over approximately 30 KHz. When I added four 16' radials the VSWR dropped to 1.9 over approximately the same range. The 40-meter version was centered on 7030 KHz and according to spec (approximately 100 KHz at less than 2:1). The 10-meter version was very pbroad banded -- less than 2:1 across 90% of the band as one would figure from an 8-foot vertical with six 8-foot radials. By the way, if you have a mind to, it shortens nicely to be used on the 6-meter band.

Also, a question on the coils: I ended up with a 40-meter coil of 49 turns (26 uH) and a 20-meter coil of 15 turns (5.7 uH). Measurements taken over moist ground (it had rained the night before). James recommends 58 and 18 turns respectively/ I understand the concept of YMMV but I wanted to ensure I wasn't wandering off path.

Great (and convenient) kit.

72 and thanks in advance.

Bill, k6whp

-----  
Date: Sun, 21 Dec 2003 20:08:40 -0800  
From: "Trevor Jacobs" <kg6cyn@softhome.net>  
To: hamjoel@juno.com,  
    "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [163539] Re: QRP HAPPENING  
Message-ID: <00d101c3c841\$48b31070\$38fea8c0@TREVORMAINPC>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Dad gum it....send me back my K1 ;-)

Happy Holidays Joel! I'll be listennin' fer ya from the new QTH!

73's Trev - KG6CYN  
<http://www.qsl.net/kg6cyn>  
----- Original Message -----

From: "Joel M Denison" <hamjoel@juno.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Sunday, December 21, 2003 6:56 PM  
Subject: QRP HAPPENING

> High Y'all  
> went flying today and did some qrp work while I was at it...  
> was doing some tree topping back in the mountains when I flew over this  
> guys camp sight  
> guess he was a ham cause his antenna was way up in the tallest trees and  
> wrapped itself  
> around the tail end of my plane when I flew through it... :-)  
> sure got the guy on the ground animated...shouting and pointing a  
> straight key at the plane...  
> anyhow I made an extra special slow and soft landing up at the rangely  
> airport.... and would u know...  
> the K1 at the other end of the feed line still worked... kinda scratched  
> a bit....  
> so if u was camping today and had some plane take off with ur  
> radio.... relax  
> it was a fellow ham what was flying a bit low.... give me an email and  
> I'll mail it back to u...  
> heck .... I'll even pay the shipping.... merry christmas now....  
>  
>  
> KE1LA  
> Joel Denison  
> Strong, Maine, 04983  
> Freezin solid up heah  
>  
>  
> -----  
> The best thing to hit the internet in years - Juno SpeedBand!  
> Surf the web up to FIVE TIMES FASTER!  
> Only \$14.95/ month - visit [www.juno.com](http://www.juno.com) to sign up today!  
>

-----  
Date: Sun, 21 Dec 2003 23:22:50 -0500  
From: Peter Burbank <peterlee@qx.net>  
To: ku7y@tds.net,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [163540] Re: Off Topic help needed.  
Message-ID: <5.2.0.9.0.20031221231212.00a2ad00@mail.qx.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 09:13 PM 12/21/2003, Ron KU7Y wrote:

>Hi All,

>

>Thanks for the BW.

>

>Does anyone here have any experience measuring tank levels remotely? This  
>is a

>corrosive fluid under about 40ish psi.

>

>Thanks in advance and for those who don't like to see these kinds of posts  
>please accept my apology but there is just so much knowledge here on this list  
>and I don't know how to tap into it any other way!

>

>OK, back in my hole.....

>

>73,

>

>Ron, KU7Y

>ku7y@qsl.net

>Brenda, AZ (or somewhere close!)

><http://www.qsl.net/ku7y>

><http://www.BrendaJamFest.com>

Ron,

Another method used on subs was to use a long tube going down into the tank  
containing reed switches and a chain  
of resistors. Outside the tube floats a doughnut containing magnets that  
trip the reeds one by one.

Super reliable. Dirt simple like me. Of course the resistor chain wires (2)  
are brought out through the top of  
the tank thru a fitting.

Vy 73

Pete NV4V

-----  
Date: Sun, 21 Dec 2003 23:38:07 -0500

From: w9ya <w9ya@arrl.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [163541] Re: Long doublet question

Message-ID: <200312212338.07132.w9ya@arrl.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Disposition: inline

On Sunday 21 December 2003 05:43 pm, w9ya wrote:

> On Sunday 21 December 2003 12:09 pm, Mike B wrote:

> > Greetings, all. It's been a long time since I posted here, with a new  
> > job, move across country and kids taking up most of my time.

> >

> > I'm in a new house now, and am contemplating my initial wire antenna.

> > I'd like to get some opinions on my plan. I'm wondering if I should go  
> > for the longest doublet I can fit, or cut it for 80 CW (or something  
> > else). In any case, it'll be fed with ladder line (probably 450 ohm).

> >

> > The antenna will start on a 20 foot pole in a corner of my backyard,  
> > stretch diagonally across & up to the far peak of my roof, with I'd guess  
> > the last 20 feet (of this leg) being over the roof. My yard slopes from  
> > back down to the front, so the back corner is actually a little higher  
> > than the ground next to the house. This leg can be around 85 feet long.  
> > The approximate center will also probably be supported by a pole,  
> > probably 20 or 25 feet off the ground, but right next to the house so  
> > less than 10 feet above the roof edge. The 2nd leg will stretch from  
> > here down the front yard (remembering it slopes) to some oaks. I'm a  
> > poor estimator of height, but it will be 30 - 40 feet up at least. The  
> > horizontal distance of this leg is around 105 feet. The angle between  
> > the legs is obtuse, at around 135 degrees or so.

> >

> > So, while the height isn't anything great, the length available is fairly  
> > substantial. I'm trying to be conservative and saying 165 feet total  
> > length, allowing for plenty of line at each end. Would it be better to  
> > cut it for a specific frequency, like 3.56 (I rarely get on 80, but may  
> > once I have an antenna for it), or just try to get it as long as  
> > possible? I realize that lobes will vary quite a bit from band to band,  
> > depending also on the wire length.

>

> Assuming you can "tune" this antenna system, i.e. you have a "tuner" for  
> it, then immediately above you just answered your own question. Length  
> becomes a question of where you want the lobes to go, and this becomes an  
> engineering problem you can solve by orienting your to your lot. Therefore  
> the possible antenna locations and type of antenna to meet your needs by  
> looking at the resulting lobes is a classic engineering scenario.

>

> Since you surmised that lobes will vary on length and operating freq., you  
> have all the information you need to get started. As in all such  
> engineering questions, the more defined the information, the more readily  
> apparent the answer becomes. Of course you can stop this engineering  
> approach at any time, and just put up the wire and see what happens. That  
> is ALSO alot of fun.

>

> I wish you the best of luck and fun in researching antenna patterns that

> would appeal to you.  
>  
> Very best regards;  
>  
> Bob  
> w9ya

Gosh that was some bad editing on my part above....GRIN ..hihi....

Anyways, you probably got the idea .... good luck with it !

Vy 72;

Bob  
w9ya

>  
> > Also, with wire this long, how do those in the know support doublets?  
> > Springs on the ends? Weights? I want it to be relatively durable in the  
> > wind and possible ice storms.  
> >  
> > Many thanks in advance.  
> >  
> > 73  
> > Mike Boice, KW1ND  
> > Karns, Tennessee

-----  
Date: Sun, 21 Dec 2003 22:49:38 -0800  
From: "Michael Melland, W9WIS" <w9wis@charter.net>  
To: <k6whp@verizon.net>, <qrp-1@Lehigh.EDU>  
Subject: [163542] Re: PAC-12 Experiment Questions  
Message-ID: <005101c3c857\$c50d50c0\$0300a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

> Also, a question on the coils: I ended up with a 40-meter  
> coil of 49 turns (26 uH) and a 20-meter coil of 15 turns  
> (5.7 uH). Measurements taken over moist ground (it had  
> rained the night before). James recommends 58 and 18 turns  
> respectively/ I understand the concept of YMMV but I wanted  
> to ensure I wasn't wandering off path.

I noticed the same and considered removing a few turns.... until I



discovered that all I had to do to adjust to resonance was to shorten or lengthen the the collapsable whip. Jim tells me the antenna was designed for this and the turns were chosen to allow adjustment over many different types of ground.

Mike, W9WIS

-----  
Date: Mon, 22 Dec 2003 00:17:09 -0500 (Eastern Standard Time)  
From: "Mike WA8BXN" <hubby2k@hotmail.com>  
To: <qrp-l@Lehigh.EDU>, <sslyon@megalink.net>  
Subject: [163543] Re: 80m tonite?  
Message-ID: <3FE67E55.000001.02532@etower>  
MIME-Version: 1.0  
Content-Type: Text/Plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Thanks for the short QSO Seab, sorry I could not stay longer. Thanks to for alerting me to the chirp the old HW-8, I will have to look into it. 80 is a great band!

73/72 - Mike WA8BXN

-----  
Date: Mon, 22 Dec 2003 05:31:08 +0000  
From: M Taylor <mctylr@privacy.nb.ca>  
To: Noah Lorang <NoahLorang@nc.rr.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [163544] Re: Introductory/Step by Step Circuit Design Tutorial  
Message-ID: <20031222053108.A4120@pull.privacy.nb.ca>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline

On Sun, Dec 21, 2003 at 07:44:52PM -0500, Noah Lorang wrote:

>  
> I'm looking for a guide or book covering basic circuit design, from the  
> ground up, with practical design projects and examples. The ARRL Handbook,  
> which I have, is a good source of information, but not as structured as I'd  
> like, and not very much focused on basic design. Looking at the ARRL  
> Website, I saw "The Electronics of Radio"

> (<http://www.arrl.org/catalog/erad/>. Can anyone recommend or disrecommend  
> this book, or suggest anything else, either in print or online?  
>  
> I'm really looking for something that would be used in a class kind of  
> setting, as opposed to just a reference book. Anyone have experience with

I have a copy of The Electronics of Radio and it has been useful for me,  
but I got way-laid with getting into it because of my lack of a NorCal 40A  
kit and at the time my lack of test equipment to actually follow along with  
the labs as laid out in it.

It is written for university undergraduate engineering students, so  
topics like complex numbers and calculus are expected to be already  
known by the student / reader. I think the author uses it for his 2nd  
year course at Caltech.

ANother possibility I can think of in a non-RF specific is take a look at  
MIT's OpenCourseWare material for EE, at <http://ocw.mit.edu/>  
(6.002 and/or 6.071 as a starting point).

-ve3tix (ex. ve1mct)

-----  
Date: Mon, 22 Dec 2003 02:43:46 -0700  
From: "Francis Callahan" <colcal@srv.net>  
To: <QRP-L@lehigh.edu>  
Subject: [163545] ARRL 10 meter Contest  
Message-ID: <002001c3c870\$2ab911d0\$20ca1341@DJKTLQ31>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Worked every east coast state except Maine also most of the 4's and 5"s and  
some 8"s and 9"s with the FT 817 and a 190 foot end fed wire at 12 feet wish  
I could of worked maine to make it complete Season's Greetings everyone 72  
Cal KF7ET

-----  
Date: Mon, 22 Dec 2003 06:55:03 -0500  
From: "Paul Valko - W8KC" <w8kc@comcast.net>  
To: <tentec@contesting.com>  
Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [163546] Monday Stream - 7.040

Message-ID: <000f01c3c882\$70031620\$6401a8c0@hamshack1>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello Friends,

Lots of great email from fans across the world! WOW! So the stream is flowing again today, but back to the ever-popular 7.040MHz.

I'll get the firewall issue many of you (even me!) have at work ironed out sometime. In the meantime, the rest of you may enjoy listening to the QRP Calling frequency 7.040MHz at <http://www.w8kc.com/stream.aspx>

Give it a listen if you get the chance. eSWL reports appreciated.

It's my Corsair with the 1.8kc filter in line. Ant is a full wave dipole with ladder line through an LDG AT-11.  
QTH is about 30 miles north of Detroit.

73! =paul= W8KC

Collector of Ten\*Tecs and other fine plastics.

Visit the Virtual Ten\*Tec Museum at <http://mywebpages.comcast.net/w8kc>

-----  
Date: Mon, 22 Dec 2003 05:03:30 -0800 (PST)  
From: Patrick Gardella <pgardella@yahoo.com>  
To: qrp-l@Lehigh.EDU, njqrp@njqrp.org  
Subject: [163547] Re: FS: Kits, parts, and projects of all sorts (RockMite, Rainbow Tuner, etc)  
Message-ID: <20031222130330.88186.qmail@web40901.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Just an update of items that are still available:  
Rockmite 40m built  
Sniffer Field Strength Meter unbuilt kit  
Grid Dip Meter (tube type)  
IR Laser Diodes (2)

Come and get them!

And again, if you are interested, but the price is too high, just ask. Or if you think the price is too low, offer whatever you want. I'll take it ;)

73,  
Patrick N3EO

--- Patrick Gardella <pgardella@yahoo.com> wrote:

> Happy Holidays to all!

>

> Just got done cleaning out my shack and reorganizing. Time to sell some of these kits that I've

> had laying around waiting to be built or used.

>

> I figure that things are worth what people are willing to pay for them. So I based these prices

> on what they originally sold for, or what others have sold them for on these lists. If you

> don't

> agree with the price, make an offer.

>

> 73,

> Patrick N3EO

>

> RockMite 40m built in Altoids tin - \$35.00 post paid

> -> Built in a "Sqyntz!" Altoids-type tin with BNC antenna jack, freq shift button, 3.5 mm

> stereo jacks (paddles and earphone) and external power jack. Works fine. Email me for photos.

>

> Rainbow Tuner by NJQRP - \$25.00 post paid

> -> [http://www.njqrp.org/Rainbow/rb\\_home.html](http://www.njqrp.org/Rainbow/rb_home.html)

> -> Partially built. Includes N type battery and Altoids tin.

>

> Halfer Antenna by N2CX - \$7.50 post paid

> -> <http://www.njqrp.org/n2cxantennas/halfer/halfer.html>

> -> End fed antenna for 40m or 30m (cut for 40m)

> -> Never used.

>

> "Sniffer" Field Strength Meter by N2CX - \$20.00 post paid

> -> <http://www.njqrp.org/sniffer/index.html>

> -> Kit from Atlanticon 2003. Never built and kit never opened.

>

> Grid Dip Oscillator - \$8.00 + shipping

> -> This one is old. I was told it worked when I bought it, but I haven't tried it. I figure

> shipping will be around \$5.00-\$8.00 UPS.

>

> 12V DC Battery Monitor - \$7.50 post paid

> -> <http://www.rainbowkits.com/kits/vm-1p.html>

> -> Built and works fine.  
>  
> Two IR Laser Diodes - \$7.50 each plus shipping (Each 1.4 lbs)  
> -> Same model used on Sam's laser FAQ page  
> -> <http://repairfaq.cis.upenn.edu/sam/laserdio.htm#diolpv0>  
> -> <http://www.mpja.com/directview.asp?product=12102+LZ>  
> -> Originally purchased to build a laser comms system  
> -> Never used/still in original packaging with data sheet.  
>  
> uP Based Battery Monitor by KD1JV - \$10.00 post paid  
> -> See Steven's announcemnt email below for more info.  
> -> Never built (kit never opened)  
>  
> Date: Fri, 08 Nov 2002 14:41:40 -0500  
> From: Steven Weber <kd1jv@moose.ncia.net>  
> To: qrp-l@lehigh.edu  
> Subject: [139645] KITS: programmable battery voltage monitor  
> Message-ID: <3.0.6.32.20021108144140.007b59d0@mailhost.ncia.net>  
> Mime-Version: 1.0  
> Content-Type: text/plain; charset="us-ascii"  
>  
> Gang,  
>  
> I made a little battery voltage monitor last night, using a 8 pin CPU  
> (Atmel Tiny15L) I have it set up to monitor Gel-Cells. Using a bi-color  
> LED, the green light is on if the battery is over 11.5 volts, it turns  
> orange (by alternating between red and green, quickly) between 11.5 and  
> 11.0 volts and red below 11 volts. You can also program it for your own  
> custom voltage trip points, if you want to use it with other types or  
> voltage batteries. (you need to have a variable supply to set the trip  
> points)  
>  
> It draws about 10 ma ( 5 for the cpu and 5 for the led), so you might want  
> to wire it up with a NO push button, so it's not on all the time.  
>  
> I'm not going to bother having a circuit board made for it, because it only  
> uses a few parts - the cpu, low power voltage regulator, three resistors  
> and two caps. Will only take a few minutes to wire it up on a small piece  
> of perf-board.  
>  
>  
> -----  
> Do you Yahoo!?  
> New Yahoo! Photos - easier uploading and sharing.  
> <http://photos.yahoo.com/>

-----  
Do you Yahoo!?

New Yahoo! Photos - easier uploading and sharing.  
<http://photos.yahoo.com/>

-----  
Date: Mon, 22 Dec 2003 08:10:30 -0500  
From: "John J. McDonough" <wb8rcr@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [163548] Elmer 160: Lesson 5  
Message-ID: <005301c3c88c\$f9e99f80\$090044c0@BrianBoru>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Gang

In lesson 5, when I'm talking about digit carry, I speak of carry out of a "nibble". First of all, I should have said, "nybble", which is the more common spelling! A nybble is half of a byte, or four bits. Since a nybble represents a single hexadecimal digit, it's a convenient unit of data to talk about.

Sorry I neglected to explain this before I used it. This is the sort of thing my proofreaders typically catch, because I'm so bad about it. Unfortunately, this lesson I was late with the lesson and didn't give them near enough time to go through it. You would not believe the number of things they do catch in a typical lesson. I send this out to about 6 people, and they each find something different, usually several pages of something different!

72/73 de WB8RCR      <http://www.qsl.net/wb8rcr>  
didileydadidah      QRP-L #1446 Code Warriors #35

-----  
Date: Mon, 22 Dec 2003 07:20:58 -0600  
From: "Meier, Peter H." <peter.meier@unisys.com>  
To: <qrp-l@Lehigh.EDU>  
Subject: [163549] Looking for LCD part source...  
Message-ID: <B537C25F1545D7118DBD00104B937E61C65FD8@US-EA-EXCH-12>  
content-class: urn:content-classes:message  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Looking for a LCD 16x2 lines Display # 628-L1682B1J=20  
Mouser is out of stock for couple of weeks.  
Any know an alternate source or have any for sale?

Pete WK8S  
home email pmeier@mac.com

-----  
Date: Mon, 22 Dec 2003 08:41:58 -0500  
From: "kennymac" <killmodell@earthlink.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [163550] Pixie info  
Message-ID: <007b01c3c891\$5edc12c0\$9b48b783@utad.utoledo.edu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have put together a couple of Pixie II's one for 80m and one for 40m. Are there any schematics with test points or reference voltages to go by as I scope mine out and figure out the theory? When I scope my 80m xtal the sine wave looks pretty nice. The wave I'm getting with the 40m looks pretty crummy. I was just wondering if there is something I can compare my signals too. I have both hooked up to 50 ohm dummy loads but I can hear the

oscillator in my ts530 when it's fairly close to the rig, do you guys shield these at all?

Thanks

ps -- I take my test on the 10th and hope to be making contacts soon after....I'm to the point where I can pick out words now with the slower coders...and that's a blast !

kennymac

-----  
Date: Mon, 22 Dec 2003 08:51:15 -0500  
From: "John J. McDonough" <wb8rcr@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Cc: <peter.meier@unisys.com>  
Subject: [163551] Re: Looking for LCD part source...  
Message-ID: <009b01c3c892\$ab3cba10\$090044c0@BrianBoru>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Digikey has a 16X2 that seems similar - 67-1758 or 1759 - the Lumex part doesn't have duplicate pins like the Seiko so depending on which side you need, you may prefer one or the other. If you can live without the backlight the 1781 is a really nice little part and it's a whale of a lot cheaper.

They also have Optrex models, but the connector is different. Depending on your situation, they may still work. I kind of like the Optrex parts a little better, they seem to be a little more readable, but they are slightly more expensive.

72/73 de WB8RCR      <http://www.qsl.net/wb8rcr>  
didileydadidah      QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Meier, Peter H." <peter.meier@unisys.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Monday, December 22, 2003 8:20 AM  
Subject: Looking for LCD part source...

> Looking for a LCD 16x2 lines Display # 628-L1682B1J



> Mouser is out of stock for couple of weeks.  
> Any know an alternate source or have any for sale?  
>  
> Pete WK8S  
> home email pmeier@mac.com

-----  
Date: Mon, 22 Dec 2003 05:58:02 -0800  
From: "Bill Jones" <kd7s@psnw.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [163552] CircuitMaker and TraxMaker  
Message-ID: <004801c3c893\$9e082ef0\$3dc83542@RadioRoom>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Taking the lead from the January, 2004 QST column, "The Doctor is IN", I downloaded the student version of Circuit Maker. However it appears that TraxMaker (the PCB layout component) is missing from this version. Can anyone confirm whether TraxMaker is, or is not, part of the student version?

=====  
Bill Jones KD7S <><  
<http://www.psnw.com/~kd7s>  
Sanger, California  
=====

-----  
Date: Mon, 22 Dec 2003 10:09:16 -0600  
From: "Nick Kennedy" <wa5bdu@tcainternet.com>  
To: <ku7y@tds.net>,  
      "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>  
Subject: [163553] RE: [OT] Off Topic help needed.  
Message-ID: <000e01c3c8a5\$f2df8600\$0400000a@wa5bdu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Boy, I see a LOT of that in my nuke plant business.

When the vessel is open to atmosphere, a simple pressure gauge does the trick. But if it's pressurized and the pressure may change, a DP

measurement is typically used, taken from the top and the bottom of the vessel. Subtracting the top pressure from the bottom pressure gives the head, which is proportional to level. Assuming of course, constant fluid density which may also imply reasonably constant temperature. The device for doing this is typically called a "level transmitter" or "DP transmitter" and has an output of 4 to 20 milliamps for a certain span of DP, which is adjustable. A factor that goes into the calibration is whether the tubing going to the top of the tank is "wet" (full of fluid) or dry.

This scheme can work for corrosive fluids if the transmitter and tubing are of the right material, typically stainless. But maybe some type of plastic would be compatible for the sensing lines (tubing). Sometimes with corrosive fluids, I'll also see a diaphragm isolator, which is in-line in the tubing. It has the bad stuff on one side of the diaphragm and typically glycerin on the other side. Pressure is the same on both sides so the transmitter doesn't see the bad stuff.

One scheme I've seen for really corrosive stuff (sulphuric acid) is a "bubbler tube". Only works for vented (open) vessels though. A tube goes through the top to near the bottom of the tank. An air supply is connected to a tee at the top, and a valve is adjusted so that bubbles just barely come out the bottom when the tank is full. In this condition, the pressure being supplied is equal to the head of fluid, which is proportional to the level. A gauge connected to the other port of the tee is used to read that pressure and may be calibrated in level units.

I've also seen some ultrasonics, which bounce a signal off the top of the fluid, I think, in the manner of sonar.

The weirdest scheme I've seen is for reactor vessel level measurement, which was mandated by the NRC after the Three Mile Island accident. A probe goes in through the top (head) and down through the core. It contains differential thermocouples, which are actually two thermocouples in series, which the junctions spaced by several inches. The polarity is such that the voltages cancel to zero when the temperatures are equal. Oh yeah, the probe also contains a heater. So in an event when level is dropping, the upper junction will be uncovered first and the differential T/C will show and output because steam is a much poorer heat transfer medium than water. A microprocessor is keeping track of all this and sets a flag when it detects the condition.

OK, I guess I've told everyone much more than they wanted to know. Or as Bubba said in Forrest Gump, "OK, that's all I know about shrimp."

72--Nick, WA5BDU

-----Original Message-----

Hi All,

Thanks for the BW.

Does anyone here have any experience measuring tank levels remotely?  
This is a corrosive fluid under about 40ish psi.

73,

Ron, KU7Y

-----  
Date: Mon, 22 Dec 2003 06:15:50 -0800 (PST)  
From: Lloyd Lachow <llachow@yahoo.com>  
To: "Li'l Piggies" <fpqrp-l@mpna.com>,  
a low-energy group <qrp-l@lehigh.edu>  
Subject: [163554] what part to use?  
Message-ID: <20031222141550.96593.qmail@web41005.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

I have an EDZ fed with 450z ladder line, and soon, hopefully, will have an 80M loop fed with 300z window line.

For ESD/lightning protection, I'd like to simply put something in these feedlines outside the house that will allow me to quickly connect/ disconnect, so when I'm not operating, the feedlines will be just dangling safely, away from the house. It should be simple, make a tight connection, and be easy to plug/unplug many times, and be relatively impervious to weather.

What should I consider for this application?  
Bananner plugs? TIA!

72,

LL

=====

73, 72 es oo, Lloyd, K3ESE - Reisterstown, Maryland

KX1#11 - multiPIG+14 - K1#379 - 20/40M RockMites  
EDZ - Longwahr - Begali Magnetic Classic Paddles  
ARRL - ARS - QRPParci - QCWA - FISTS #8774  
FPQRP #476 - QRP-L - BORG #2  
Fun = Skill / Power ! 8^D

-----  
Do you Yahoo!?  
New Yahoo! Photos - easier uploading and sharing.  
<http://photos.yahoo.com/>  
-----

Date: Mon, 22 Dec 2003 08:45:16 -0600  
From: "J. Michael Thurman" <jmthurman@centurytel.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [163555] RE: Monday Stream - 7.040  
Message-ID: <LFEDLPKPGGKLEMOMICIBKEIOCNAA.jmthurman@centurytel.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Cool. This is the first time I'd listened to the link.

BTW, I had to turn on my rig to confirm that, yes, there is a station  
sending a repeating "K"...

73, 00, Merry Christmas,  
(or, for list members who are Buddhist, Muslim, Shintoist, Jewish, or of any  
other faith that has inadvertantly been left off this list [no slight is  
intended], may you have a joyous Thursday completely devoid of all  
Judeo-Christian / W. European influences [excepting the, hopefully, loving  
and joyful countenances of your Christian neighbors] and experience peace  
and joy during the winter holiday of your choice...or of no holiday at all,  
if that is your choice...)

G&P,  
Michael  
WN5T

-----Original Message-----  
From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of  
Paul Valko - W8KC  
Sent: Monday, December 22, 2003 5:55 AM  
To: Low Power Amateur Radio Discussion  
Subject: Monday Stream - 7.040

Hello Friends,

Lots of great email from fans across the world! WOW! So the stream is flowing again today, but back to the ever-popular 7.040MHz.

I'll get the firewall issue many of you (even me!) have at work ironed out sometime. In the meantime, the rest of you may enjoy listening to the QRP Calling frequency 7.040MHz at <http://www.w8kc.com/stream.asx>

Give it a listen if you get the chance. eSWL reports appreciated.

It's my Corsair with the 1.8kc filter in line. Ant is a full wave dipole with ladder line through an LDG AT-11.  
QTH is about 30 miles north of Detroit.

73! =paul= W8KC

Collector of Ten\*Tecs and other fine plastics.

Visit the Virtual Ten\*Tec Museum at <http://mywebpages.comcast.net/w8kc>

-----  
Date: Mon, 22 Dec 2003 09:52:52 -0500  
From: "Dennis Ponsness" <wb0wao@hotmail.com>  
To: llachow@yahoo.com, fpqrp-1@mpna.com, qrp-1@lehigh.edu  
Subject: [163556] RE: [fpqrp] what part to use?  
Message-ID: <Law11-F25beqZCL5Gvp0005ce97@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

>From: Lloyd Lachow <llachow@yahoo.com>  
> I have an EDZ fed with 450z ladder line, and soon,  
>hopefully, will have an 80M loop fed with 300z window  
>line.  
>  
> For ESD/lightning protection, I'd like to simply put  
>something in these feedlines outside the house that  
>will allow me to quickly connect/ disconnect, so when  
>I'm not operating, the feedlines will be just dangling  
>safely, away from the house. It should be simple, make  
>a tight connection, and be easy to plug/unplug many  
>times, and be relatively impervious to weather.

Hmmmm,

I think the trick here is the impervious to the weather. From what I can gather in the "old days" from looking at my old ARRL Handbooks, a lot of ops used big double knife switches. They were effectively big DPDT switches with the feeders from the antler connected to the center lugs and then the other set connected to the rig and to a ground respectively. However these were inside the shack. I think you are looking for a totally "outdoor solution" tho... Cheapest route I would think would be to use a set of Anderson Power Pole connectors spaced appropriately on a small piece of plexiglass. Use some small nylon ties to anchor them down onto the plexiglass. I would go that route as it is pretty inexpensive. Not sure how weatherproof that would be, I guess you could tape it up.

72 es oo

Dennis - WB0WAO

EN84ij Iosco County, Michigan  
MultiPig+ #3 - K2 #3555  
DSW-II-20 - SW-40+ - SW-30+  
RM-20 - RM-40

FPQRP #-347 FISTS #9299

Charter Member - Michigan DX Association  
www.wb0wao.com  
:=)

---

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---

Date: Mon, 22 Dec 2003 10:23:45 -0500  
From: Peter Burbank <peterlee@qx.net>  
To: llachow@yahoo.com,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [163557] Re: what part to use?  
Message-ID: <5.2.0.9.0.20031222101657.00a25de0@mail.qx.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 09:15 AM 12/22/2003, Lloyd Lachow wrote:

> I have an EDZ fed with 450z ladder line, and soon,  
> hopefully, will have an 80M loop fed with 300z window  
> line.  
>  
> For ESD/lightning protection, I'd like to simply put  
> something in these feedlines outside the house that  
> will allow me to quickly connect/ disconnect, so when  
> I'm not operating, the feedlines will be just dangling  
> safely, away from the house. It should be simple, make  
> a tight connection, and be easy to plug/unplug many  
> times, and be relatively impervious to weather.  
>  
> What should I consider for this application?  
> Bananner plugs? TIA!  
>  
> 72,  
>  
> LL  
>  
>=====  
> 73, 72 es oo, Lloyd, K3ESE - Reisterstown, Maryland  
> KX1#11 - multiPIG+14 - K1#379 - 20/40M RockMites  
> EDZ - Longwahr - Begali Magnetic Classic Paddles  
> ARRL - ARS - QRParci - QCWA - FISTS #8774  
> FPQRP #476 - QRP-L - BORG #2  
> Fun = Skill / Power ! 8^D  
>  
> \_\_\_\_\_  
> Do you Yahoo!?  
> New Yahoo! Photos - easier uploading and sharing.  
> <http://photos.yahoo.com/>

Lloyd,  
Banana plugs work fine. Pomona makes some inline sockets. At one QTH I had  
some monster  
verticals and at the first rumble of thunder, my 3 year old son would  
scamper outside and yank  
the plugs out and then call me at work. Never took a hit.  
73 Pete NV4V

-----  
Date: Mon, 22 Dec 2003 11:06:36 -0500  
From: "AI2Q" <ai2q@adelphia.net>  
To: <wb0wao@hotmail.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [163558] RE: [fpqrp] what part to use?  
Message-ID: <000701c3c8a5\$95099ca0\$6401a8c0@Administrator>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Lloyd:

What I use here with my homebrew open-wire feeders is a standard 5-way-style dual-banana jack made by Birnbaum and others. Under the eaves of the house on my porch deck I have a large railroad lightning arrestor (don't ask me where I got this; I don't remember) that has dual discharge points, so each leg of the copper open-wire line is protected with a spark gap. However, the 5-way jack is mounted a few inches away and mates with a jack bar that has two banana sockets mounted on it.

My feeder has a halyard connected to it as well, so when I'm not on the air I simply reach up, unplug the jack bar, and let the feeders swing far away from the house, where they touch the ground. When I want to operate, I haul in the swinging loose feedline using the halyard, then snap the dual banana plug into the banana socket assembly (which is mounted on a strip of FR-4 glass epoxy board), and away I go!

The plating on the banana jacks and plugs seems really good, as this has been up there for years and there's no apparent corrosion or even discoloration of the separable components.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L #687  
<http://users.adelphia.net/~alexmm/ai2q.htm>

.-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Dennis Ponsness  
Sent: Monday, December 22, 2003 9:53 AM  
To: Low Power Amateur Radio Discussion  
Subject: RE: [fpqrp] what part to use?

>From: Lloyd Lachow <llachow@yahoo.com>  
> I have an EDZ fed with 450z ladder line, and soon,  
>hopefully, will have an 80M loop fed with 300z window  
>line.  
>  
> For ESD/lightning protection, I'd like to simply put



Hmmm,  
I think the trick here is the impervious to the weather. ....

[illegible]

The members of the QRP-Canada mailing list have sponsored the QRP plaques for this category for the last 5 years and have just raised the funds for the next 5 years. The plaque goes to the Single Operator who operates on all bands and combines SSB & CW for the highest score.

Therefore, QRP-Canada, starting with this year's Canada Day contest, will run a contest in "parallel" with the RAC Summer & Winter events.

All you have to do is operate in the RAC Summer & Winter contests, as you normally would. When each contest is over, just submit a Summary Sheet (example below) within 30 days of the contest ending to:

Bruce Rattray (VE5RC+VE5QRP)  
128 Durham Drive  
Regina, SK. S4S 4Z2  
Canada

...or e-mail to [rattray@accesscomm.ca](mailto:rattray@accesscomm.ca)

After the scores have been checked, an announcement of the winners in each category will appear on the QRP-Canada mailing list and also in the TCA magazine.

For the first running of "QRP-Canada RUN WITH RAC", there will be no minimum number of entries for any category.

An appropriate Certificate will be sent to the winner of each category.

Here are the 10 categories:

\*\*\*\*\*  
- QRP-Canada RUN WITH RAC categories -  
\*\*\*\*\*

SOAB - LP - [1 w. output max] - SSB only.  
- single operator, all bands, low power, 1 watt max, SSB.

SOSB - LP - [1 w. output max] - SSB. [80, 40, 20, 15 or 10 mtrs only]  
- single operator, single band, low power, 1 watt max, SSB.

-----  
SOAB - LP - [1 w. output max] - CW.  
- single operator, all bands, low power, 1 watt max, CW.

SOSB - LP - [1 w. output max] - CW. [80, 40, 20, 15, or 10 mtrs only]  
- single operator, single band, low power, 1 watt max, CW.

-----  
DX stations (non-Canadian & USA) -

SOAB - HP - [5 w. output max] - SSB & CW.  
- single operator, single xmtr, all bands - high power, 5 watts max,  
SSB + CW.

-----  
QRP Clubs -

MSAB - HP - [5 w. output max] - SSB & CW.

- multioperators, single xmtr, all bands, high power, 5 watts max,  
SSB + CW.

\*\*\*\*\*

Summary Sheet example:

-----  
- QRP-CANADA "RUN WITH RAC" CONTEST SUBMISSION -  
-----

Submitted by: (full name & Call)

Operating as: (call or club call)

Address:

City,Province,State:

Country:

Postal Code/Zip:

E-mail address:

Category entered:  
-----

-  
- SCORE CALCULATION -  
-----

-  
Canadian Qsos were : (x10) = [excludes RAC qsos]

RAC QSOs were : (x20) =

Total DX contacts : (x2) =  
-----

-  
Total of ALL QSOs : QSOs = <--total points.

Total Multipliers : =  
-----

-  
CLAIMED SCORE: = points.  
-----

-  
Signature:  
-----  
-

\*\*\* PLEASE SPREAD THE WORD...thank you \*\*\*

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -

- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -  
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

-----

Date: Mon, 22 Dec 2003 11:43:38 -0500  
From: w9ya <w9ya@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [163560] Re: what part to use?  
Message-ID: <200312221143.38659.w9ya@arrl.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Disposition: inline

On Monday 22 December 2003 09:15 am, Lloyd Lachow wrote:

> I have an EDZ fed with 450z ladder line, and soon,  
> hopefully, will have an 80M loop fed with 300z window  
> line.  
>  
> For ESD/lightning protection, I'd like to simply put  
> something in these feedlines outside the house that  
> will allow me to quickly connect/ disconnect, so when  
> I'm not operating, the feedlines will be just dangling  
> safely, away from the house. It should be simple, make  
> a tight connection, and be easy to plug/unplug many  
> times, and be relatively impervious to weather.

Hey Lloyd;

While not the unplug and toss solution, some people find these  
"attractive" (pun intended);

<http://www.arrayolutions.com/Products/ice/impulse1.html#2>

Vy 72 OM;

Bob  
w9ya

>  
> What should I consider for this application?  
> Bananner plugs? TIA!  
>  
> 72,  
>  
> LL  
>  
> =====  
> 73, 72 es oo, Lloyd, K3ESE - Reisterstown, Maryland  
> KX1#11 - multiPIG+14 - K1#379 - 20/40M RockMites  
> EDZ - Longwahr - Begali Magnetic Classic Paddles  
> ARRL - ARS - QRParci - QCWA - FISTS #8774  
> FPQRP #476 - QRP-L - BORG #2  
> Fun = Skill / Power ! 8^D  
>  
> -----  
> Do you Yahoo!?  
> New Yahoo! Photos - easier uploading and sharing.  
> <http://photos.yahoo.com/>

-----  
Date: Mon, 22 Dec 2003 09:46:02 -0700  
From: Ken <kloc@commspeed.net>  
To: qrp-l@lehigh.edu  
Subject: [163561] Good coax source?  
Message-ID: <5.2.1.1.2.20031222094436.0279e3a0@mail.commspeed.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Is there a good source for coax, that has a broad range of selection, and  
sells by the foot?

Thanks,

Ken - WA4MNT

-----  
Date: Mon, 22 Dec 2003 10:51:01 -0600

From: Chuck Carpenter <w5usj@9plus.net>  
To: "kennymac" <killmodell@earthlink.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [163562] Re: Pixie info  
Message-ID: <3.0.2.32.20031222105101.0087e260@mail.9plus.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Go to this website.

<http://www.qrpp-i.com/>

In about the middle of the page select the \*Pixie Information Project\*. This will take you to a list of pixie information. Check out WE6Ws info -- the other stuff too.

A google search on Pixie will get you back to this page and a whole lot more.

At 08:41 AM 12/22/2003 -0500, kennymac wrote:

>I have put together a couple of Pixie II's one for 80m and one for 40m. Are  
>there any schematics with test points or reference voltages to go by as I  
>scope mine out and figure out the theory? When I scope my 80m xtal the sine  
>wave looks pretty nice. The wave I'm getting with the 40m looks pretty  
>crummy. I was just wondering if there is something I can compare my signals  
>too. I have both hooked up to 50 ohm dummy loads but I can hear the  
>oscillator in my ts530 when it's fairly close to the rig, do you guys shield  
>these at all?

>

>Thanks

>

>ps -- I take my test on the 10th and hope to be making contacts soon  
>after....I'm to the point where I can pick out words now with the slower  
>coders...and that's a blast !

>

>kennymac

>

>

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1  
QRP-ARCI #5422, QRP-L #1306, QRPP-I #115, ARS #1280, SOC #57  
Zombie #759, COG #11, 6 Club #201, FP #601 oo <http://www.netxqrp.org>

-----  
Date: Mon, 22 Dec 2003 08:56:23 -0800  
From: "Andreas Junge - ARRL.NET" <n6nu@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [163563] RE: Looking for LCD part source...  
Message-ID: <HPEPKMGB0BBNPF0CKLJG0EEJFDAA.n6nu@arrl.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

>  
> Looking for a LCD 16x2 lines Display # 628-L1682B1J  
> Mouser is out of stock for couple of weeks.  
> Any know an alternate source or have any for sale?  
>  
> Pete WK8S  
> home email pmeier@mac.com  
>

Check out <http://www.crystalfontz.com/> They have pretty much everything at very reasonable prices.

Andreas, N6NU

-----  
Date: Mon, 22 Dec 2003 11:09:38 -0600  
From: John Oppenheimer <kn5l@gte.net>  
To: unlisted-recipients;; (no To-header on input)  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [163564] Re: Good coax source?  
Message-ID: <3FE72552.9A3A6117@gte.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Most sell by the foot, my last purchase was from HRO, 50' of Belden RG-8X.

My only advise is to buy from a source that will state manufacture and manufacture part number. Such as on HRO site; Manufacturer: BELDEN, Item : RG-8X, Description : #9258 MINIATURE COAX

John

Ken wrote:

>  
> Is there a good source for coax, that has a broad range of selection, and  
> sells by the foot?  
>

> Thanks,  
>  
> Ken - WA4MNT

-----  
Date: Mon, 22 Dec 2003 09:13:34 -0800 (PST)  
From: Lloyd Lachow <llachow@yahoo.com>  
To: "Li'l Piggies" <fpqrp-l@mpna.com>,  
a low-energy group <qrp-l@lehigh.edu>  
Subject: [163565] The Truffle with Tribbles, revisited...  
Message-ID: <20031222171334.35621.qmail@web41006.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

I shall be dispensing as many Truffles as possible, tomorrow night, prior to the Fox Hunt. I'll be near 7.040, probably above a bit, and working split, listening up (...a late effect of all the years instructors shouted "Listen Up!" at me...) until I work simplex, if, in point of fact, I do, at all.

The exchange is as it is for the Hunt, except no need to send your name...I know who you are...and the substitution of your Flying Pigs QRP Club International Number for your power level.

No FP#?? No problemo, Bunkie! Just sashay on over to [www.fpqrp.com](http://www.fpqrp.com) and obtain yourself one...there are plenty of very nice ones left.

A very special bonus is available to anyone with a FP# they have yet to share with me this year...The TRUFFLE WITH TRIBBLES!!! To see a couple of views of me sorting these little puppies to get ready for tomorrow night's debacle, see:

<http://f1.pg.briefcase.yahoo.com/bc/llachow/1st?.dir=/Tribbular+Trufflage>

Happy Snuffling, everyone!

oo es 72,

LL

=====

73, 72 es oo, Lloyd, K3ESE - Reisterstown, Maryland  
KX1#11 - multiPIG+#14 - K1#379 - 20/40M RockMites



EDZ - Longwahr - Begali Magnetic Classic Paddles  
ARRL - ARS - QRParci - QCWA - FISTS #8774  
FPQRP #476 - QRP-L - BORG #2  
Fun = Skill / Power ! 8^D

-----  
Do you Yahoo!?  
New Yahoo! Photos - easier uploading and sharing.  
<http://photos.yahoo.com/>

-----  
Date: Mon, 22 Dec 2003 09:35:27 -0500  
From: "w8diz" <w8diz\_qrpl@partsandkits.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [163566] Re: Looking for LCD part source...  
Message-ID: <000601c3c898\$d86b22f0\$b8cf1d41@cinci.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Gang,

I still have 9 pieces of a 20x2 lines display in my stock.  
Also have 90 pieces of a 40x2 line display.  
Both styles use the 7x2 connector and neither has a backlight.  
I will make these available at \$5 each plus \$4.50 shipping.  
Please specify which style.

PAYPAL ID = kitsales@partsandkits.com or  
check is fine too..mail to:  
DIETER GENTZOW  
197 TIMBER TRAIL  
LOVELAND, OH 45140

I guarantee these LCD displays 100 pct.  
Here is a link for the connector for both styles...  
<http://home.nikocity.de/woe/lcd/lm032.pdf>

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio  
Clermont County - EM79uf - near Cincinnati; 39:13:05N 84:18:18W  
RIG:multiPIG+ ANT:67 FT Vertical Dipole <http://kitsandparts.com>

----- Original Message -----  
From: "Meier, Peter H." <peter.meier@unisys.com>

> Looking for a LCD 16x2 lines Display # 628-L1682B1J  
> Mouser is out of stock for couple of weeks.  
> Any know an alternate source or have any for sale?  
>  
> Pete WK8S  
> home email pmeier@mac.com

-----  
Date: Mon, 22 Dec 2003 11:13:05 -0800  
From: "Michael Melland, W9WIS" <w9wis@charter.net>  
To: <kloc@commspeed.net>, <qrp-1@Lehigh.EDU>  
Subject: [163567] Re: Good coax source?  
Message-ID: <000a01c3c8bf\$a0d92540\$0300a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

<http://www.davisrf.com>

Their Bury-Flex RG-214 type coax is the best buy in the industry. Low loss, true direct bury construction, poly jacket, 100 percent foil shield and tinned braid shield. I make a point to check their discount section every couple of months.

And the owner.... Steve Davis is a ham (K1PEK) who... although the amateur biz is a drop in the bucket... goes out of his way to stock amateur related products and develop new coax.

A very satisfied customer since 1997.....

Mike, W9WIS

-----  
Date: Mon, 22 Dec 2003 10:50:23 -0700  
From: "Rod N0RC" <rc7039-hr@yahoo.com>  
To: "qrp-1" <qrp-1@Lehigh.EDU>  
Subject: [163568] newer simpler rig for me, but which one?  
Message-ID: <014c01c3c8b4\$18939720\$6501a8c0@greyrock>  
MIME-Version: 1.0  
Content-Type: text/plain;

charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Folks,

Now that I sold some gear, and have some deals pending on the rest, it's time to settle on the new rig. I was all set to buy an Icom 703 but eHam reports have spooked me a bit. I've ruled out a K2 at this time for lack of a general RCVR. I also ruled out the Yaesu 817 and 897 don't need/want 2m/440, and other reasons. Nor do I desire any rig that puts out 100W, 10-20 is enough thank you. :-) That leaves the 703 or Ten-Tec Argo V.

The 703 has superior RX specs and a tuner. The Ten-Tec has wonderful QSK and a little more max power 20W vs 10W. I also like the idea of something made here in the USA. Both seem like they would make excellent PSK-31 Rigs.

Does anybody have significant experience with these rigs in various situations/conditions? What can you offer to aid my analysis?

73, Rod N0RC ... with a learner station for the next century :-)

...

\*\*Happy Holidays\*\*

-----  
Date: Mon, 22 Dec 2003 10:13:53 -0800 (PST)  
From: Garie Halstead K8KFJ <khyberpass65@yahoo.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [163569] Re: 80m tonite?  
Message-ID: <20031222181353.48291.qmail@web60306.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

--- Mike WA8BXN <hubby2k@hotmail.com> wrote:

> Thanks for the short QSO Seab, sorry I could not stay longer. Thanks  
> to for  
> alerting me to the chirp the old HW-8, I will have to look into it.  
> 80 is a  
> great band!  
>  
> 73/72 - Mike WA8BXN

I totally agree Mike. 80 is a great band. I also had the pleasure of

working Seab last night at 0425z during a short break from NFL Football. Snagged him just after his QSO with Guy VA2SVP/qrp in Ste-Croix. Glad he was able to copy my fist as I was using my miniture Whiterook MK-22 straight key. Luv dat key.

Many thanks for the 80m Q Seab and for my very nice report from Bethel.

72, Gary -K8KFJ-  
<somewhere in the WV hills>

-----  
Do you Yahoo!?  
Protect your identity with Yahoo! Mail AddressGuard  
<http://antispam.yahoo.com/whatsnewfree>

-----  
Date: Mon, 22 Dec 2003 11:40:33 -0600  
From: "George, W5YR" <w5yr@att.net>  
To: <llachow@yahoo.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [163570] Re: what part to use?  
Message-ID: <010801c3c8b8\$e7993120\$0401a8c0@PS>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Lloyd, I have used banana plugs with success, but they may tend to corrode slightly so I would recommend cleaning them occasionally and squirting contact cleaner into the jacks.

For QRP there is little to worry about current-carrying capacity, but for 1.5 KW I would be concerned with ladderline since the peak current is  $\sqrt{\text{SWR}}$  times the matched current.

See you Tuesday evening!

73, George W5YR  
w5yr@att.net

----- Original Message -----  
From: "Lloyd Lachow" <llachow@yahoo.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Monday, December 22, 2003 8:15 AM  
Subject: what part to use?

> I have an EDZ fed with 450z ladder line, and soon,  
> hopefully, will have an 80M loop fed with 300z window  
> line.  
>  
> For ESD/lightning protection, I'd like to simply put  
> something in these feedlines outside the house that  
> will allow me to quickly connect/ disconnect, so when  
> I'm not operating, the feedlines will be just dangling  
> safely, away from the house. It should be simple, make  
> a tight connection, and be easy to plug/unplug many  
> times, and be relatively impervious to weather.  
>  
> What should I consider for this application?  
> Bananner plugs? TIA!

-----  
Date: Mon, 22 Dec 2003 13:34:22 -0500 (Eastern Standard Time)  
From: "Mike WA8BXN" <hubby2k@hotmail.com>  
To: <qrp-l@Lehigh.EDU>, <rc7039-hr@yahoo.com>  
Subject: [163571] Re: newer simpler rig for me, but which one?  
Message-ID: <3FE7392E.000020.02532@etower>  
MIME-Version: 1.0  
Content-Type: Text/Plain;  
 charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

While not optimized for general coverage reception, the K2 does indeed  
receive outside the ham bands!

73/72 - Mike WA8BXN

-----  
Date: Mon, 22 Dec 2003 10:37:20 -0800  
From: "SGC Tech" <sgctech@sgcworld.com>  
To: <rc7039-hr@yahoo.com>,  
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [163572] Re: newer simpler rig for me, but which one?  
Message-ID: <033301c3c8ba\$a2919cf0\$1900000a@SGC001200>  
MIME-Version: 1.0  
Content-Type: text/plain;  
 charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I would suggest you also consider the SG-2020 with ADSP2 Noise Reduction as a 20 watt rig that maintains it's basic simplicity. It was reviewed in the last issue of 73 Magazine. The review is available as a download from here:

<http://www.sgcworld.com/Newsletter/Dec03/Sep03-73Mag.zip>

It was also reviewed recently in CQ Magazine

<http://www.sgcworld.com/articles/CQ2020Review-SGCPrior.pdf>

I work for SGC, so I won't claim to be unbiased, but I think you'll find that it's an interesting radio with lots to offer.

Terry

WX7S

----- Original Message -----

From: "Rod N0RC" <rc7039-hr@yahoo.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Monday, December 22, 2003 9:50 AM

Subject: newer simpler rig for me, but which one?

> Folks,

>

> Now that I sold some gear, and have some deals pending on the rest, it's  
> time to settle on the new rig. I was all set to buy an Icom 703 but eHam  
> reports have spooked me a bit. I've ruled out a K2 at this time for lack  
> of a general RCVR. I also ruled out the Yaesu 817 and 897 don't  
> need/want 2m/440, and other reasons. Nor do I desire any rig that puts  
> out 100W, 10-20 is enough thank you. :-) That leaves the 703 or Ten-Tec  
> Argo V.

>

> The 703 has superior RX specs and a tuner. The Ten-Tec has wonderful QSK  
> and a little more max power 20W vs 10W. I also like the idea of  
> something made here in the USA. Both seem like they would make excellent  
> PSK-31 Rigs.

>

> Does anybody have significant experience with these rigs in various  
> situations/conditions? What can you offer to aid my analysis?

>

> 73, Rod N0RC ... with a learner station for the next century :-)

> ...

> \*\*Happy Holidays\*\*

>

>

-----  
Date: Mon, 22 Dec 2003 13:38:45 -0500  
From: "Mark S. Adams" <msadams@buffalo.edu>  
To: qrp-l@lehigh.edu  
Subject: [163573] FOX: K2Q0 Tuesday Evening  
Message-ID: <1072118325.3fe73a35a5be8@mail11.buffalo.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 8bit

Hi Gang,

K2Q0 here in WNY is ready to go on Tuesday evening beginning 9PM my time.

I have not seen or heard from Fox #2, Dan, but I will stake out a spot on the "other" side of 7.040, giving him the choice of where to operate.

I will go to split listening up a couple kHz as necessary. My K2 is tuned and ready to rumble so let's hope for good band conditions.

72,  
Mark K2Q0

-----  
Date: Mon, 22 Dec 2003 14:23:02 -0500  
From: John Sielke <jsielke@pobox.com>  
To: qrp-l@lehigh.edu  
Subject: [163574] Re: newer simpler rig for me, but which one?  
Message-ID: <3FE74496.50108@pobox.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

> I would suggest you also consider the SG-2020 with ADSP2 Noise Reduction as  
> a 20 watt rig that maintains it's basic simplicity. It was reviewed in the  
> last issue of 73 Magazine. The review is available as a download from here:  
>

An excellent choice if all you want is SSB and PSK. For CW, however, the 2020 is pretty dismal.

And yes, I have one...use it almost exclusively for PSK/RTTY.

John W2AGN

-----  
Date: Mon, 22 Dec 2003 14:32:17 -0500  
From: Joel M Denison <hamjoel@juno.com>  
To: fpqrp-1@mpna.com, qrp-1@Lehigh.EDU  
Subject: [163575] qrp & sstv on 40 meters  
Message-ID: <20031222.143217.3100.1.hamjoel@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

ok guys, pep talk 2, 34444.34  
I've been back on 7.228 playing slow scan tv with my k2... used to play with the qrp+....  
yes that's sstv... really neat and not a problem at qrp levels... think I sent a good picture at the milliwatt level  
on nite on twenty meters... anyhow  
maine, ny, vt, nh on 40 mtr sstv.... 3d, digital, analog.... it all works at 5 watts ... give it a try... merry christmas...

KE1LA  
Joel Denison  
Strong, Maine, 04983  
Freezin solid up heah

-----  
The best thing to hit the internet in years - Juno SpeedBand!  
Surf the web up to FIVE TIMES FASTER!  
Only \$14.95/ month - visit [www.juno.com](http://www.juno.com) to sign up today!

-----  
Date: Mon, 22 Dec 2003 14:03:11 -0600  
From: John Oppenheimer <kn5l@gte.net>  
To: unlisted-recipients;; (no To-header on input)  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [163576] Re: newer simpler rig for me, but which one?  
Message-ID: <3FE74DFF.6C6ADF9A@gte.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

You should check out the growing IC-703 Yahoo group at  
<http://groups.yahoo.com/group/IC703/> it now has 345 members.



I also have a 703, check my QRP page at <http://kn5l.net/qrp/>

John

-----  
Date: Mon, 22 Dec 2003 13:50:07 -0700 (MST)  
From: Karl Larsen <k5di@zianet.com>  
To: Rod N0RC <rc7039-hr@yahoo.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [163577] Re: newer simpler rig for me, but which one?  
Message-ID: <Pine.LNX.4.44.0312221346030.4699-100000@bucket.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 22 Dec 2003, Rod N0RC wrote:

> Folks,  
>  
> Now that I sold some gear, and have some deals pending on the rest, it's  
> time to settle on the new rig. I was all set to buy an Icom 703 but eHam  
> reports have spooked me a bit. I've ruled out a K2 at this time for lack  
> of a general RCVR. I also ruled out the Yaesu 817 and 897 don't

Since you don't want what is cheap and simple, get a nice clean  
Kenwood TS-870. It has a classic receiver with general coverage and the  
transmitter can do 150 watts on all bands. They show up on E-bay and  
sell for about \$1300.00 used.

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

-----  
Date: Mon, 22 Dec 2003 13:59:11 -0700  
From: "Rod N0RC" <rc7039-hr@yahoo.com>  
To: "Karl Larsen" <k5di@zianet.com>  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [163578] Re: newer simpler rig for me, but which one?  
Message-ID: <011101c3c8ce\$73aaafd0\$6401a8c0@bigdog>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

>From my original message:

"...Nor do I desire any rig that puts out 100W,..."

That rules out the TS-870.

73, Rod N0RC

\*\*Happy Holidays\*\*

----- Original Message -----

From: "Karl Larsen" <k5di@zianet.com>

To: "Rod N0RC" <rc7039-hr@yahoo.com>

Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Monday, December 22, 2003 1:50 PM

Subject: Re: newer simpler rig for me, but which one?

...

> Since you don't want what is cheap and simple, get a nice  
clean

> Kenwood TS-870. It has a classic receiver with general  
coverage and the

> transmitter can do 150 watts on all bands. They show up on  
E-bay and

> sell for about \$1300.00 used.

...

-----  
Date: Mon, 22 Dec 2003 16:03:55 -0500

From: "Walt Amos" <waltk8cvamos@aaaahawk.com>

To: <rc7039-hr@yahoo.com>

Subject: [163579] Re: newer simpler rig for me, but which one?

Message-ID: <002901c3c8cf\$1d9deb60\$81c83f40@WALTK8CV>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I have the ARGO V thing, and it is no K-2 but you do get a great SWL radio which the K-2 doesn't have. It seems to run 20 watts cw or ssb without heating up at all with the big heat sink on the back. It SUPPOSEDLY does PSK-31 but I'm not into that so have no information on how it does there. The qsk is classic tentec! With a twist as you can set the VOX delay and

that also gives you delay in QSK ! Large contest signals will bother the radio even with the ATTEN cut in. PBT works on moving the qrm off the station you are listening to with the DSP filter set to 200 Hz. Seems effective. NB is NOT NR and seems do NOTHING other than cause distortion from nearby loud signals, now it might work if you had ignition noise but I don't have that here in the home station. The display is big and easy to read. The last 0 stays on uselessly all the time and is annoying but I suppose you could put something over it like one of those black sticky thing over the cut out on big 6" paper floppies in the dark ages. The 6 Kc audio on the BBC sound absolutely stunning into a LARGE 12 " speaker and there is plenty of audio drive. The ANALOG meter is a nice retro change. No menus to panic old timers. Just push and hold buttons. SSB reports have not been stunning but the only guy I talk to on SSB is almost stone deaf so his reports are TOTALLY UNRELIABLE :- ) ..... you say no 100 watt rig but .....

The IC-746PRO on sale for \$1329 some places and \$1400 others with a free power supply and shipping is a option to look at. For a few more dollars you get a whole lot more radio. Bigger though but it does have DSP NR that works and also AUTO NOTCH on SSB , built in ATU and 32 BIT DSP which works a whole lot better than the 16 BIT DSP in the ARGO ! My argo has the \$50 temperature compensator. So \$875 for agro, plus \$125 for a switching power supply and another \$149 for a AUTO ATU and you have \$1150 so for \$250 more you get a lot more radio.

Oh, the 2010 thing is just an upgraded QRP PLUS black box and the thing has rotten qsk with a CLACKY RELAY , a buddy got one and you must put in delay or it drives you nuts and the 706 / 703 have poor keying also with there clacky relay. The argo and 746 have quiet and fast genuine QSK if that is a big thing for you ?

So , there you have my ramblings ..... look up all the reviews in QST :- ) they tell it like it is !

Walt K8CV Royal Oak, MI.

----- Original Message -----

From: "Rod N0RC" <rc7039-hr@yahoo.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Monday, December 22, 2003 12:50 PM

Subject: newer simpler rig for me, but which one?

> Folks,

>

> Now that I sold some gear, and have some deals pending on the rest, it's  
> time to settle on the new rig. I was all set to buy an Icom 703 but eHam  
> reports have spooked me a bit. I've ruled out a K2 at this time for lack  
> of a general RCVR. I also ruled out the Yaesu 817 and 897 don't

> need/want 2m/440, and other reasons. Nor do I desire any rig that puts  
> out 100W, 10-20 is enough thank you. :-) That leaves the 703 or Ten-Tec  
> Argo V.  
>  
> The 703 has superior RX specs and a tuner. The Ten-Tec has wonderful QSK  
> and a little more max power 20W vs 10W. I also like the idea of  
> something made here in the USA. Both seem like they would make excellent  
> PSK-31 Rigs.  
>  
> Does anybody have significant experience with these rigs in various  
> situations/conditions? What can you offer to aid my analysis?  
>  
> 73, Rod N0RC ... with a learner station for the next century :-)  
> ...  
> \*\*Happy Holidays\*\*  
>  
>  
>

-----  
Date: Mon, 22 Dec 2003 16:15:04 -0500  
From: Hank Kohl K8DD <k8dd@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [163580] Re: newer simpler rig for me, but which one?  
Message-ID: <6.0.1.1.2.20031222160312.029d5330@mail.arenet.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 12/22/2003 02:23 PM, John Sielke wrote:

>>I would suggest you also consider the SG-2020 with ADSP2 Noise Reduction as  
>>a 20 watt rig that maintains it's basic simplicity. It was reviewed in the  
>>last issue of 73 Magazine. The review is available as a download from here:  
>  
>An excellent choice if all you want is SSB and PSK. For CW, however, the  
>2020 is pretty dismal.  
>  
>And yes, I have one...use it almost exclusively for PSK/RTTY.  
>  
>John W2AGN

Have to agree with John .....

I had an SG-2020 ADSP. Absolutely great QRP radio on SSB and the digital

modes. Ergonomically it is probably the coolest radio I've ever owned, but then there is the lack of selectivity on CW.

73 Hank K8DD

-----  
Date: Mon, 22 Dec 2003 16:18:44 -0500 (EST)  
From: <n2go@arrl.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [163581] Icom M710?  
Message-ID: <Pine.LNX.4.33.0312221615470.9078-1000000@valhalla.v>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Does anyone have info on this radio. I need info on the BPF and PA units. In particular the I/O info and power input. I want to use this pair with the sdr1k transceiver.

73,

Jim n2go

-----  
Date: Mon, 22 Dec 2003 15:31:27 -0500  
From: Ed Lawson <k1vp@grizzly.com>  
To: rc7039-hr@yahoo.com  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [163582] Re: newer simpler rig for me, but which one?  
Message-ID: <20031222153127.16fbdc5f.k1vp@grizzly.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit

Rod:

My personal experience with the TT ARG0 V over the past few months and its use during the CW WW contest is that it hears much better than the ARRL test results would suggest. It is a nice rig to play with and everything works well and easily. I have enjoyed it very much.

Except for the general coverage issues, the Patcomm 500 is a very nice little rig too. Just two bands at a time, but it has a 15W and a very

nice RCVR. It too is easy to use and operate with simple controls that do what they should.

Ed Lawson  
K1VP

-----  
Date: Mon, 22 Dec 2003 14:59:11 -0700  
From: "Rod N0RC" <rc7039-hr@yahoo.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [163583] PART II Re: newer simpler rig for me, but which one?  
Message-ID: <004a01c3c8d6\$d54ce9d0\$6401a8c0@bigdog>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Folks,

Thanks for all the info, good stuff keep it coming....

Let me add a bit more to the selection criteria. I'll have little time to play radio for the foreseeable future. After being laid off earlier this year, I worked a succession of jobs, that has evolved to 40 hours/wk at a local hardware store; building/fixing rigs; at home production work for a small electronics firm; and in Jan I will start teaching an Algebra class at the local CC. 50-70 hour work weeks are the norm. [Very] little time for radio games. When I find some spare time, I seem to chose riding my bicycle first, radio 2nd.

So, I want to scale down the shack [considerably] and free up some cash. At best I'll work a few QRP contests per year, and have the odd PSK rag chew with some friends. My [idealistic] goal is one radio to handle it all--CW/PSK/SWL and AM-BCB. The reality may be 3: A GE SuperRadio for AM/FM; My DSW-II/20m for TTF/HB contests; and the "TBD" for PSK/CW... general use.

73, Rod N0RC     ...being ridden hard, and put to bed wet!...  
:-)  
\*\*Happy Holidays\*\*

----- Original Message -----

From: "Rod N0RC" <rc7039-hr@yahoo.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Monday, December 22, 2003 10:50 AM  
Subject: newer simpler rig for me, but which one?

> Folks,  
>  
> Now that I sold some gear, and have some deals pending on the  
rest, it's  
> time to settle on the new rig. I was all set to buy an Icom  
703 but eHam  
>  
...

-----  
Date: Mon, 22 Dec 2003 17:18:27 -0500  
From: <bill@n4qa.com>  
To: <qrp-l@Lehigh.EDU>  
Subject: [163584] Re: newer simpler rig for me, but which one?  
Message-ID: <000301c3c8d9\$8806a0a0\$e525ad80@f1n5n8>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Rod and the gang,  
I don't envy you in your decision about a new rig...it's a tough one.  
After reading your post, I fired up the IC-703 on 14060 CW and worked John,  
K7UP, in Las Cruces, New Mexico. East/west condx don't seem so good on 20  
today (though, W1AW was 20 over here a while ago)but John & I still managed  
a nice 10-minute chat. I looked thru my log and discovered that the last  
time I had used the '703 was 26 October...VE6, VP5, V31, V01, CM8, KP3, FY5,  
8P1 etc.  
In semi QSK, the IC-703's keying is 'ok' I guess, but its full QSK is not  
even in the same ballpark as any Ten-Tec rig.  
'Nowadays', I mostly use the '703 as a signal monitor but it's good to know  
that the transmitter still works after I replaced the driver transistor back  
in early August.  
Knowing what I now know about the IC-703, I would definitely buy one again.  
Have made many contacts on CW, RTTY, PSK31 and (ugh), even sideband with the  
'703 :0). Still haven't tried AM or FM.  
I use the InRad 400 Hz filter for receiving the digital modes BTW.  
Good luck in reaching your decision!

73.  
Bill, N4QA  
<http://www.n4qa.com>

-----  
Date: Mon, 22 Dec 2003 14:19:26 -0800 (PST)  
From: David Toepfer <davetoepfer@yahoo.com>  
To: kn5l@gte.net, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [163585] Re: newer simpler rig for me, but which one?  
Message-ID: <20031222221926.70910.qmail@web12824.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Would you say the old eHam reviews shgould be purged for fairness to the new product, or are they still working those bugs out?

dt

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--- John Oppenheimer <kn5l@gte.net> wrote:  
> You should check out the growing IC-703 Yahoo group at  
> <http://groups.yahoo.com/group/IC703/> it now has 345 members.  
>  
> I also have a 703, check my QRP page at <http://kn5l.net/qrp/>  
>  
> John

-----  
Date: Mon, 22 Dec 2003 18:11:48 -0500  
From: "n3drk" <n3drk@triad.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [163586] Re: newer simpler rig for me, but which one?  
Message-ID: <029801c3c8e0\$f9d521f0\$6400a8c0@n3drk>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

It is a nice rig and also pleasing to the eye. But it does consume much more power than a K2. Something to consider if you are going to operate in the field.

73

john

----- Original Message -----  
From: "Ed Lawson" <k1vp@grizzly.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Monday, December 22, 2003 3:31 PM



Subject: Re: newer simpler rig for me, but which one?

>

> Rod:

>

> My personal experience with the TT ARGO V over the past few months and  
> its use during the CW WW contest is that it hears much better than the  
> ARRL test results would suggest. It is a nice rig to play with and  
> everything works well and easily. I have enjoyed it very much.

>

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> little rig too. Just two bands at a time, but it has a 15W and a very  
> nice RCVR. It too is easy to use and operate with simple controls that  
> do what they should.

>

> Ed Lawson

> K1VP

>

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End of QRP-L Digest 3142

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